



WHATCOM COUNTY

PRELIMINARY STORMWATER PROPOSAL

Return to: ENGINEERING SERVICES
5280 Northwest Drive
Bellingham, WA 98226-9013
Phone: 360.676.6730
Fax: 360.676.6558

FOR COUNTY USE ONLY

Project/ _____
Permit No: _____
Date _____
Received: _____

Project Name: Gateway Pacific Terminal

Project location/address: 4750 Gulf Road – In the vicinity of Henry Road, Lonseth Road, Aldergrove Road, Powder Plant Road, and Gulf Roads.

Tax parcel no(s):

Upland Parcels: 039011-7473110; 039011-7067334; 039011-7205467; 039011-7067334; 039011-7065466; 039011-8117050; 039011-9424335; 039011-9198377; 039011-7278062; Parcel 14: 390117278062

Tax parcels contiguous to DNR open water: 039512-4546546; 039011-9092500; 039011-9172456; 039011-9199451; 039011-9214451; 039011-9252449; 039011-9298423; 039011-9327425; 039011-9349425; 039011-9388424; 039011-9438360; 039011-9454299; 039011-9469346

Owner

Contact Person

Name: Skip Sahlin, for Pacific International Terminals, Inc.

Cliff Strong (AMEC)

USPO Address: 1131 SW Klickitat Way
Seattle, WA 98134

11810 North Creek Parkway N
Bothell, WA 98011

Email Address: Mark.Knudsen@SSAMarine.com

cliff.strong@amec.com

Telephone No: (206) 654-3525

(425) 368-0952

All entities proposing a "development" (as defined in *Whatcom County Development Standards* Chapter 2 (WCDSC2) Appendix III), shall submit this form, **plus a Site Plan as noted on page 2**, with the proposed development-related application, unless (1) the project qualifies as a "small development" per *Whatcom County Code* (WCC) 20.80.632, or (2) WCDSC2 Section 203 explicitly exempts the proposed development, or (3) the proposed development fails to meet any of the three WCDSC2 Section 213.C threshold criteria for County review. *Preliminary Stormwater Proposal* packages must clearly indicate the relationship between the proposed development and the local drainage related features.

If the County determines that a submitted *Preliminary Stormwater Proposal* package does not present sufficient detail and clarity, the County will return the package, with comments, to the above named Contact Person.

Project Description: The Gateway Pacific Terminal will be a multimodal, deep-water Terminal to provide storage and handling for the export and import of up to 54 million metric tons per year dry bulk commodities, including grain products, coal, potash, calcined petroleum coke, and other bulk commodities. The Terminal would initially manage export of calcined petroleum coke, potash, low-sulfur, low-ash coal, and other coal products, though the type and quantity of dry bulk commodities would likely change over time depending upon customer and market demands. Commodities would be transferred to and from the Terminal by rail on the BNSF Railway's Custer Spur, and by ship via a wharf. The Terminal would be developed on approximately 350 acres within a total project area of 1,200 acres. The project area is zoned for Heavy Impact Industrial use and is located in Whatcom County's Cherry Point Industrial Urban Growth Area. The Terminal would be designed to minimize impacts to associated resources while meeting the

purpose and need for the project.

Total area of parcel(s) involved in project: 52,272,000 square feet (SF)

Impervious* areas summary:

*water can't easily penetrate

Already existing on Parcel(s): _____ SF
Net Change (+/-) as result of Project: _____ SF
Total (once Project complete): _____ SF

Potential upstream and downstream impacts: One important aspect of a development's effect on downstream hydrologic systems is the amount of new impervious surface that occupies the watershed. Precipitation on impervious surfaces results in increased runoff, which triggers a cascade of effects. Lack of effective controls on runoff from impervious surfaces could risk degradation of downstream systems by increased "flashiness" of the hydrologic functions. The Terminal design incorporates appropriate stormwater collection and retention from impervious surfaces to both treat runoff to improve water quality and control runoff to modulate hydrologic response to storm events. Extra consideration has been given to preserving watershed functions, especially those that protect downstream functions of Stream 1. Potential effects to hydrology and water quality have been minimized through the careful design of stormwater facilities that provide water quality protection and integrate hydrologic functions with natural stream courses.

The Terminal was designed to avoid and minimize impacts to wetlands and streams to the extent practicable. Development impacts to wetlands, streams, and drainages would be expected to result in water quality deterioration if development was poorly controlled within the watershed. However, an overall improvement in water quality is expected because the Terminal development would:

- Permanently remove grazing impacts from more than 100 acres,
- Provide effective stormwater treatment and management systems, and
- Reroute almost all roadside streams and drainages into new or restored natural stream systems.

Impacts to hydrologic functions are compensated through engineering of the Terminal that integrates hydrologic and water quality systems and a mitigation design that works to maintain and improve this important function.

Previous stormwater report or plans approved by County?: Yes ☒ No ☐
If yes, attached?: Yes ☐ No ☒

SITE PLAN REQUIREMENTS

- ☒ A **vicinity map** that marks project parcel/s location relative to nearest city.
- ☒ Single or multiple **drawing/s**, fully dimensioned to an appropriate scale/s, that show and/or describe the following:
 - ☒ North arrow [all sheets], and
 - ☒ Graphical scale/s [all sheets], and
 - ☒ Project-related land disturbing activities (location, nature, and extent), including clearing and grading, and where the answer to a question in the following table is "YES":

Item to show and/or describe on drawing/s	Existing?		Any proposed changes to existing?		Any proposed new?	
	YES	NO	YES	NO	YES	NO
• Parcel/s boundaries	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
• Natural drainage features (e.g., creeks, streams, rivers, ponds, lakes)	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
• General steepness (e.g., topographic lines)	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
• Stormwater flow directional arrows	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
• Vegetative cover	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
• Soil types	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
• Parcel/s access location/s	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Wet or soggy areas (e.g., bogs, swamps, wetlands)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Fish habitat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• On-parcel impervious surface areas (e.g., roofs, patios, decks, and gravel and conventional asphalt and concrete driveways and parking areas), with location/s and footprint area/s in square feet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Utilities, above ground	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Utilities, below ground	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Man-made drainage facilities and features (e.g., ditches, bio-swales, ponds, lagoons, culverts, pipes, catch basins, vaults, manholes, dispersion trenches, infiltration pits, rain gardens, grass filter strips), including those within ¼ mile downstream of project site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Off-parcel impervious surface areas with location and footprint area in square feet			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- ☐ A **list** (may be integrated on drawing above) that identifies and sizes (in square feet):
- All existing on-parcel(s) impervious areas, together with their respective project-related disposition (e.g., retain as is, decrease, enlarge, remove), plus
 - All new project-related on-parcel(s) and off-parcel(s) impervious areas.
- ☐ A **drawing** (may be integrated with drawing above) that shows proposed methods for controlling erosion and sedimentation during and after construction. See *WSDOE Stormwater Management Manual for Western Washington*, Volume II, Chapter 4 (www.ecy.wa.gov/biblio/0510030.html) and WCDSC2 Section 206, Stormwater Management.

The **County Engineer**, or his/her designee, will review all the necessary stormwater information and either accept the initial submission as final, or require the applicant to submit a more detailed *Stormwater Design Report*. Applicant may submit a detailed *Stormwater Design Report* in lieu of a *Preliminary Stormwater Proposal*.

Cliff Strong
Printed Name*


Signature*

8 June 2011
Date

*of person who prepared form